

Form No. 18
8-60

H
T. 4 11 R. 4E

County Fallston

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water well log

Owner Edna C. Hunter Address 9425th Bryman Ave

Driller _____ Address _____

Date Started 1976 Date Completed _____

Location: Sec. 4 T. 11 R. 4E $\frac{1}{4}$ sec. 11 11

Type of well Artesian Equipment used _____
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: ft. _____ to ft. _____. ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)

Pumping water level _____ feet at _____ gal. per min. _____

How tested: _____

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Form No. 18
8-60

T. 4 11 R. 4E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water well Log

Owner Frank E. Turner Address 916 S. 5th Bozeman, Mont
Driller _____ Address _____
Date Started 1890 Date Completed _____
Location: Sec. 4 T. 11 R. 4E $\frac{1}{4}$ sec. 11 11

Type of well Artesian Equipment used _____
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

#407

Gallatin County, } ss.
State of Montana. }
Filed Dec-29, 1961
at 3:08 o'clock P.M.
C. J. Patton
COUNTY CLERK & RECORDER
By L. A. Maxwell
Fee \$ 7.00 DEPUTY

File No. _____

T / N R / E

DUPLICATE

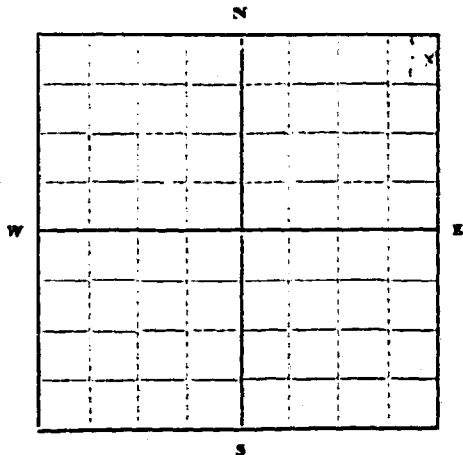
County Golden

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Ray C. Holliman of Golden Golden
(Name of Appropriator) (Address) (Town)
County of Golden State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 4 T. 14 R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Personal use and light irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx 25 yrs. continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gpm per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof stream small amount for garden not over 5 ac.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric and Gasoline Engine Pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table 50 ft from surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, steel casing, 6 in diam. well unknown
10. The estimated amount of groundwater withdrawn each year 150-200 gal
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Ray C. Holliman

Date July 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

36133

1817

Jan 6 1817
Feb 11 1817
Mar 11 1817
Apr 11 1817
May 11 1817
Jun 11 1817
Jul 11 1817
Aug 11 1817
Sep 11 1817
Oct 11 1817
Nov 11 1817
Dec 11 1817

File No.

DUPLICATE

T. 1 N. R. 4 E

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Albert de Heetderik
(Name of Appropriator)

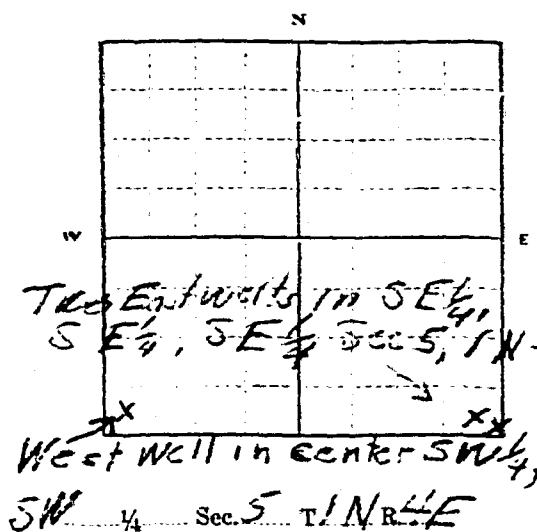
of 1322 main
(Address)

Thiout
(Town)

County of Gallatin

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Personal use
irrigation & stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
West Well before 1900
East Wells 1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute) West Well 6 gal. per minute
Two East Wells - 5 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
West Well irrigated lawn & garden adjacent
2 East Wells irrigated lawn & garden adjacent.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
West Well jet pressure pump - electric power
East Wells hand pumps.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater West Well before 1900
2 East wells - 1920
8. The depth of water table Both West & East wells - 15-20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Both West & East wells drilled with 6 in casing - 40 ft deep.
10. The estimated amount of groundwater withdrawn each year Not known
11. The log of formations encountered in the drilling of each well if available
All wells soil & gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.

33462

1323

12-30 1953
1:21 P.M.
East 11th
Shelma J. J. J.
FCS 52

File No. _____

T 1 N R 4 E

DUPLICATE

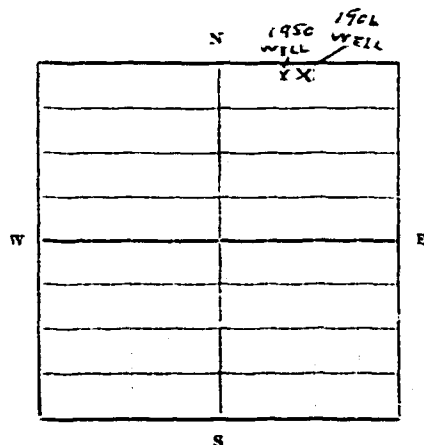
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

HORACE D. FULKER and
MARGUERITE D. FULKER of Belgrade, R. F. D. #1
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 6 T1N R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

T1N, R4E. Both are drilled wells with electric pumps.

2. The beneficial use on which the claim is based domestic and culinary use and stock water for livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 well completed in 1906 and used continuously since then; No. 2 well completed in 1950 and used when needed.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 2/3 gal. per minute average - total 2400 gal. per day average use
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None of this water is used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Both wells are located in the Northeast corner of the Northwest Quarter of the NE 1/4, Sec. 6
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater One well commenced and completed in 1906. One well commenced and completed in 1950.
8. The depth of water table The 1906 well is 36 feet deep. The 1950 well is between 100 and 200 feet deep.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The 1906 well has a 6 inch pipe and is 36 feet deep. The 1950 well is a 4 inch pipe and is between 100 and 200 feet deep
10. The estimated amount of groundwater withdrawn each year is 400,000 gallons
11. The log of formations encountered in the drilling of each well if available There is no way to get the log on the 1906 well for none was kept. With respect to the 1950 well it was drilled by the Bureau of Reclamation but we have been unable to get from them the log, if any was kept.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Appropriators run ~~xxxx~~ 600 or more sheep and 75, or more, head of cattle, besides calves.

Horace D. Fulkler

Signature of Owner Marguerite D. Fulkler

Date December 27, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

578

573

State of Illinois ss.
County of Cook

Dec 27, 1992

3.50

George J. ...

By Forster DEPUTY

Fee \$ 2.00

File No. _____

T 1 & R 4E

DUPLICATE

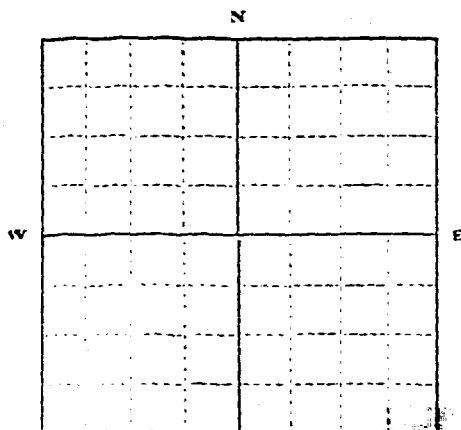
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HORACE D. and MARGUERITE P. FULKER, of Manhattan
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1 & 2 N
1/4 Sec. T. / R. 4E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

See attached description

2. The beneficial use on which the claim is based
sub-irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1889 - continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) that quantity of water in the aquifer necessary to provide moisture for desirable plant growth

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NW 1/4 NW 1/4 and NE 1/4 NW 1/4 also described as Lots 1, 2, 3, & 4 of Section Six (6), T1N, R4E;

NW 1/4 also described as Lots 3 & 4 Section 5, T1N, R4E; S 1/2 NW 1/4, Section 5, T1N, R4E;

S 1/2 SE 1/4 of Sec. 31, T2N, R4E; SW 1/4 of SW 1/4 and W 1/2 SE 1/4 SW 1/4 of Section 32, T2N, R4E;

7. The date of commencement and completion of withdrawal of groundwater not appl And a portion of NW 1/4 of SW 1/4 and a portion of NE 1/4 of SW 1/4 of Section 32, T2N, R4E;

8. The depth of water table summer three (3) feet to surface, winter approximately the same.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater not applicable

10. The estimated amount of groundwater withdrawn each year not applicable

11. The log of formations encountered in the drilling of each well if available not applicable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner Horace D. Fulkner

Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

35932

1618

State of Montana } ss.
County of Gallatin }
Filed: Dec-31, 1963
at 12:41 o'clock P.M.
with 37 copies

COUNTY CLERK & RECORDER
By: [Signature]
Fee \$ 2.00

No action was taken, the deed applied and issue of the owner, therefore, it is hereby for the purpose of the record and recording of the same.

File No. _____

T. 1 N R 4 E
County Gallatin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

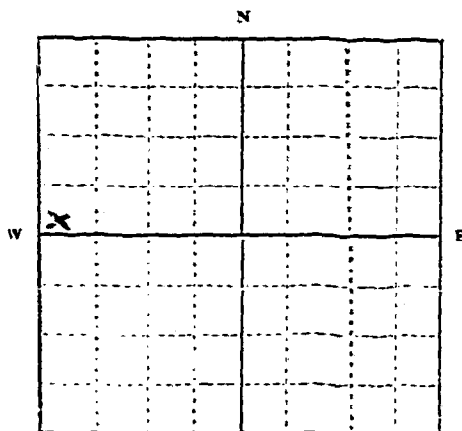
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Bernard John Heetderks Jr

1. Albert De Heetderks, of South Black Ave and Olive, Bozeman, Mont
(Name of Appropriator) (Address) (Town)

County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Well in SW 1/4, SW 1/4,
NW 1/4 Sec. 6 T. 1 N R. 4 E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based _____

Live Stock and Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914 - Intermittent

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Regular 5 1/2 inch cylindrical hand pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1914

8. The depth of water table 15 to 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled, with 6 inch casing, 35 feet deep

10. The estimated amount of groundwater withdrawn each year Not known

11. The log of formations encountered in the drilling of each well if available
Soil and gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None

Signature of Owner Albert De Heetderks

Date 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33463

1324

SS.
12-30 1963
1:22 P.M.
Cox
RECORDER
Thema Finner
FBI

File No. _____

T. 1 R. 3 E.

DUPLICATE

County Big Horn

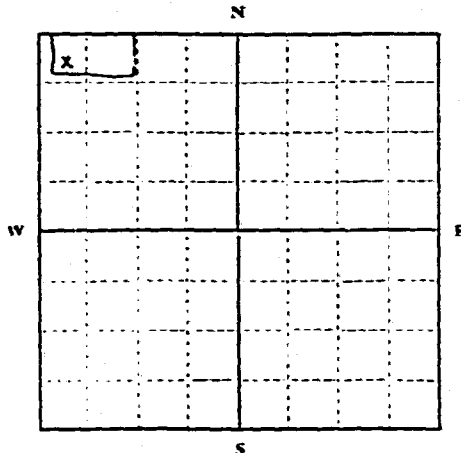
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William E. Latimer of Bozeman Bozeman
(Name of Appropriator) (Address) (Town)

County of Big Horn State of Montana
have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 7 T. 1 R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 9, 1959
Daily use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 65 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Used to irrigate 5 acres including lawn, garden and pasture.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Deep well Jet type pump
One well located 6' south of house.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 9, 1959
8. The depth of water table 12 feet below surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
6" steel non-perforated casing, 52 feet deep.
10. The estimated amount of groundwater withdrawn each year 265,000 gallons
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
None

Signature of Owner

Date December 28, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

33403

1264
1264

State of Virginia ss.
County of Guilford

Filed 12-30, 1963

at 11-10 o'clock A. M.

Earl W. Allen

COUNTY CLERK & RECORDER

202

File No. _____

T. 17 R. 4E

DUPLICATE

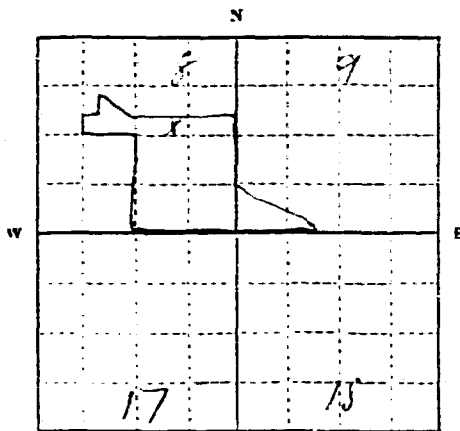
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edgar H. Clark of Box 164 Missoula
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 8 & 9 T. 17 N. R. 15 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Horse
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal / minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1926
8. The depth of water table 6 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug well, hand pump
10. The estimated amount of groundwater withdrawn each year 35 to 40 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Edgar H. Clark

Date 10/1/1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. otherwise the form will be returned.

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

39722

#1944

State of Montana }
County of Gallatin } ss.
Filed October 26, 1965
at 11:10 o'clock A.M.
CARL L. STUCKY
COUNTY CLERK & RECORDER
By Carl L. Stucky
DEPUTY
Fee \$ 2.00 pd.

STATE WATER CONSTRUCTION BOARD
OCT 27 1965
RECEIVED
CLERK OF DISTRICT COURT
DISTRICT OF MONTANA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Clinton E. Kallestad
Doris Kallestad
Address RRI Box 102
Belgrade, Mt. 59714

Date well started Jan. 11, 1972
completed Jan. 17, 1972

For Administrator's Use
FILE # <u>3049-28-22, 1972</u>
<u>11:35 a.m.</u>
GW 1

Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Churn Drill
(Churn drill, rotary or other)

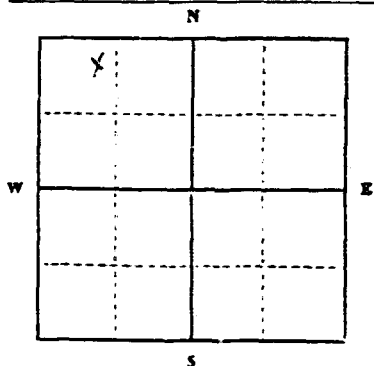
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6.5" O.D. 17#	15' above Ground	48'	—	—	—



NW 1/4 Sec. 8

T. 1 N. R. 4 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Donald C. Jones

Driller's Address 2107 Bridger Dr.

Bozeman, Montana LICENSE NO. 17

County Gallatin

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	2	Clay
2	24	Gravel
	10	Static water level
24	48	Clay
48	50 1/2	Shale Gravel

50 1/2 Show exact depth of bottom

49,916

3079

State of Montana : ss.
County of Gallatin :
Filed Feb. 22, 1972
at 1:35 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Paul H. Briggs
Deputy
Fee \$ 2.00

File No. _____

TRIPLICATE

T. 1 N. R. 4 E

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

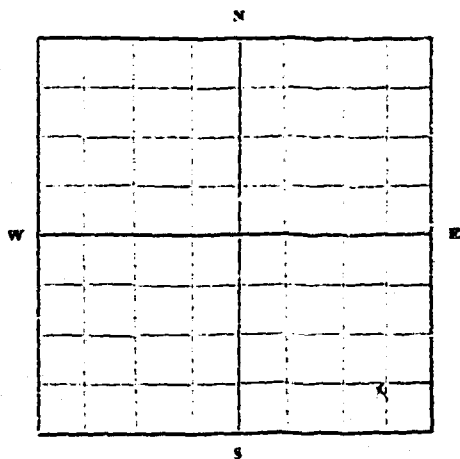
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. P. T. Miller of RR 1 Bigfork
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



3 1/4 Sec. 7 T. 1 N R. 4 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5.000
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of such well or other means of withdrawal Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 17 55
8. The depth of water table ground level
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 in. casing
Hand dug 20 to 25 ft
10. The estimated amount of groundwater withdrawn each year 2000 gal a year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner P. T. MillerDate 3/80 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triuplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator

#480

1-4-62

State of Montana
County of Liberty

Mar. 30 1962

2⁰⁰ P M

1st Walton

3rd Ida J. Morrow

2⁰⁰ P M

File No. _____

T. 1 N. R. 4 E.

DUPLICATE

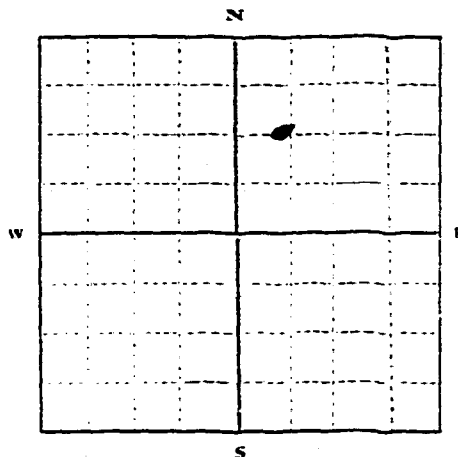
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Harry Brinnard of Manhattan, Mont
(Name of Appropriator) (Address) (Town)
County of Ballwin State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 9 T. 1 N. R. 4 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Household stock water, garden & lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Oct. 1947
Continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. work all done in Oct. 1947
8. The depth of water table. about 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled six inch pipe 42 ft deep
10. The estimated amount of groundwater withdrawn each year. 900,000 Gallons
11. The log of formations encountered in the drilling of each well if available. None Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None Available

Anna Brinnard
Signature of Owner Harry Brinnard
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

33464

1325

State of Montana /
County of Gallatin / ss.

Filed 12-30, 1963

at 1:23 o'clock P.M.
Carl

Notary Public

Thema Fader

Fee \$2.00

File No. _____

T 14 R 4 E

TRIPLICATE

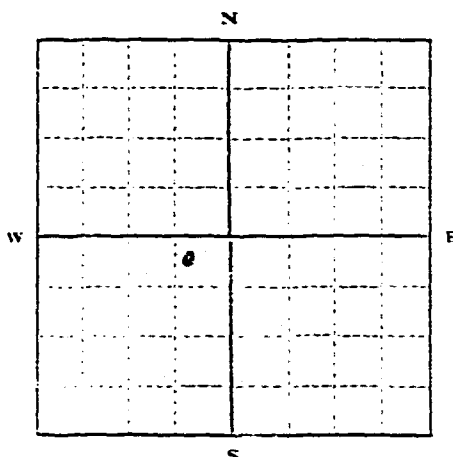
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry Beaman, of Manhattan
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 6 T. 14 N. R. 4 E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Home held
small garden - for irrigation
of lawn garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 2.6. 1950
and continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 to 60 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
About 2 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Completed 1950
8. The depth of water table about 7 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 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2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075.

1328

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner K6UU RADIO

Address 241

Colgate Brush

Date well started

completed

Type of well

(Dug, driven, bored or drilled)

Equipment used

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

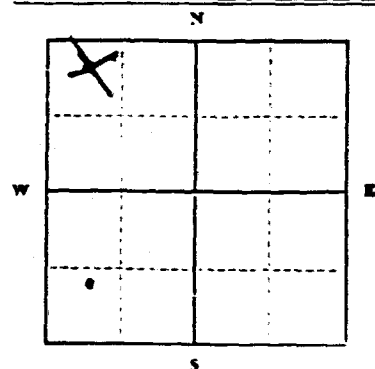
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| | 6" in | | 60 ft | | | |



Static water levelft.
Pumping water levelft.
atgallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by
forhou

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff) :

26th May Sec. 10
T. 1 N R. E
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address

LICENSE NO.

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

| From
(Feet) | To
(Feet) |
|----------------|--------------|
|----------------|--------------|

**To
(Feet)**

Show exact depth of bottom

3368

State of Montana
County of Gallatin
Filed July 29 1973
at 5:59 o'clock P.M.
by W. J. [unclear]
County Clerk & Recorder
By Clara J. Hall
Deputy
Fee \$ 2.00 OK

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

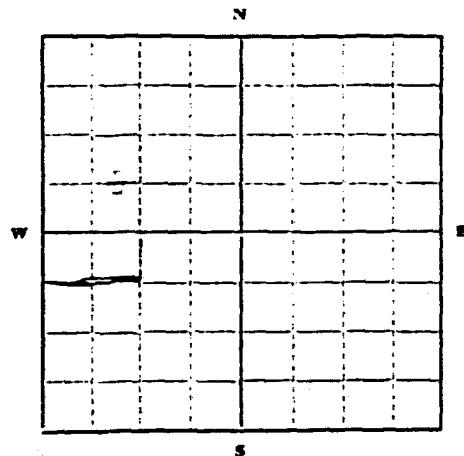
RECEIVED
FEB 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, _____ of _____
(Name of Appropriator) (Address) (Town)
County of _____ State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since 1940
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miner's inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 10 acres, 1/4 Sec. 10, T. 10 N., R. 10 E., 1/4 Sec. 10, T. 10 N., R. 10 E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand-dug well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
8. The depth of water table 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand-dug well
10. The estimated amount of groundwater withdrawn each year 100 miner's inches
11. The log of formations encountered in the drilling of each well if available None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner [Signature]

Date Jan 10 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

3478'

732

[illegible]

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

230

[Signature]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in YEA medium for 24 h at 28 °C. The cell concentration was adjusted to 1.0 × 10⁸ cells/ml. The cells were then mixed with the plant tissue and incubated for 24 h at 28 °C. The plant tissue was then cultured on the selective medium. The transformation efficiency was calculated as the number of transformants per 100 mg of plant tissue. The data are the mean ± SD of three independent experiments.

Journal of Management Studies, 19(1), 67-80.

.....

Form No. 18
8-60

13

T. 1 N R. 4 E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

| | |
|--|--|
| | |
| | |
| | |
| | |

Owner J Stanley Milesnick Address Belgrade
Driller Unknown Address _____
Date Started 1931 Date Completed 1931
Location: Sec. 13 T. 1 N R. 4 E $\frac{1}{2}$ sec. NE 4 & SE 4

Type of well drilled Equipment used drill
(Dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other _____

Casing: 35 ft. to _____ ft. Type Cast Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 25 to ft. 35 . Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 4 1/2 ft from surface feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)

Pumping water level 5 ft feet at 400 gal. per min.

How tested: type measured from static position to position after 1 hr pumping with pump running
Length of test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

File No. _____

T 1N R 4E

DUPLICATE

County Gallatin

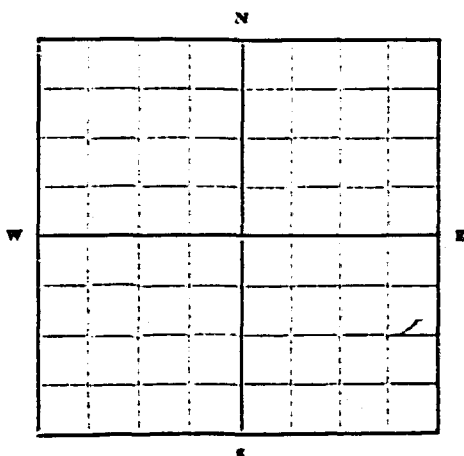
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Katherine Hiller

I By Clark L. Spain of R #3 Bozeman
 (Name of Appropriator) (Address) (Town)
 County of Gallatin State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 14 T1N R4E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based for domestic and building site use, yard and livestock water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been for over 40 years - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Building site situate approximately 60 rods south and 5 rods east of the northwest corner of Section 14, Township 1 North of Range 4 East, M.P.M. owned by Katherine Hiller.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater over 40 years ago
8. The depth of water table 5 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5 inch casing, 2 inch galvanized inner pipe approximately 30 feet deep
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Undersigned is the tenant on the above-mentioned Hiller ranches and makes this declaration on behalf of Katherine Hiller, the owner, as an appurtenance thereto and not as an individual or personal right.

Signature of Owner Clark L. SpainDate December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

35961

1647

Dec 31 1962

155

Carl Walters

COUNTY CLERK & RECORDER

By *[Signature]* DEPUTY

Fee \$ 2.00

File No. _____

T. 1N R 4E

DUPLICATE

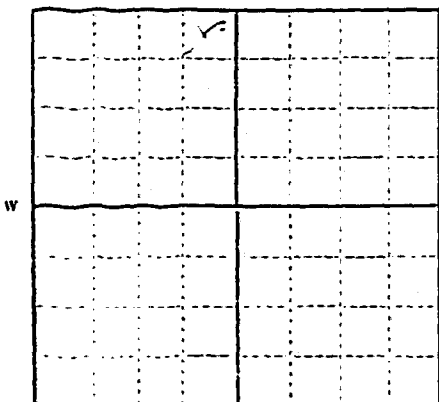
County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Arthur P. Smith, of Chouteau County, Montana State, Chouteau Town, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925 - Electric Power
1930 - Electric Power - Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 41 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 2.5 acres - Electric
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1925
8. The depth of water table 100 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2.5 inch - 10 feet
10. The estimated amount of groundwater withdrawn each year 1,000,000
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Arthur P. SmithDate 10/1/61

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35885

1571

State of Missouri ss.
County of Gallatin

Filed Dec - 31, 1953

at 11:53 o'clock A.M.

Earl Walton
COUNTY CLERK

By ES

Fee \$ 20

GW 2

File No.

DUPLICATE

Doc. No.

Filed for record

This 3 day of April

A. D. 1970 at Helena

O'clock P. M.

Approved Stock Form—State Publishing Co., Helena, Montana—1855

T 1 N R HE 17
County Glacier

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Top of Ground

(Elev. above sea level _____)

0-3 soil
3-10 clay Gravel
10-12 clay gravel
12-14 gravel water
14-16 clay
16-20 sand & water
20-22 clay & rock
22-25 sand & water
25-27 sand & water
& clay
27-30 sand small
gravel & water
Bottom of well

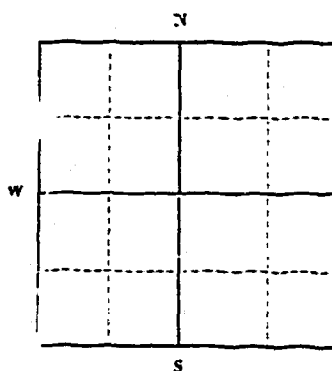
Owner Spencer Smith Address BelgradeDriller Harold Hulbert Address Rt 1 Bozeman, Montana

Date of Notice of appropriation of groundwater _____

Date well started March 14 1970 completed March 17 1970Type of well Drilled Equipment used Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7" | 19 lb | 1 1/2 | 27' | None | | |
| | 6 5/8 | Above | | | | |
| | O. D. | | | | | |



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested umpLength of Test 2hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

1/4 Sec. 17 T14N R4E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 47

Harold Hulbert
Driller's Signature.

46292

2268

State of Montana
County of Gallatin
April 3, 1970
1:10 o'clock P.M.
Carl L. Stucky
Benny Rose Griggs
200 70

File No. 2268
A. D. 19 70
O'clock 1 M.

DUPLICATE

LOG

Top of Ground

(Elev. above sea level.....)

0-3 soil

3-10 clay Gravel

10-12 clay gravel

12-14 gravel & water

14-16 clay

16-20 sand & water

20-22 clay & rock

22-24 sand & water

24-26 sand & water

26-28 clay

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Driller: Harold Hubbert Address: Rt. 1 Bozeman, Montana

Date of Notice of appropriation of groundwater.....

Date well started..... No. 204 14 1970 completed March 17, 1970.

File No. _____
DUPLICATE

THIS is day of _____
A. D. 19 _____
o'clock _____ M.

T. _____ R. _____
County _____

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Top of Ground
(Elev. above sea level _____)

0-3 soil
3-10 clay Gravel
10-12 clay gravel
12-14 gravel & water
14-16 clay
16-20 sand & water
20-22 clay & rock
22-25 sand & water
25-27 sand & water
& clay
27-30 sand small
gravel & water

Bottom of well

Owner Spencer Smith Address Belgrade
Driller Harold Hulbert Address Rt. 1 Bozeman, Mont.

Date of Notice of appropriation of groundwater _____

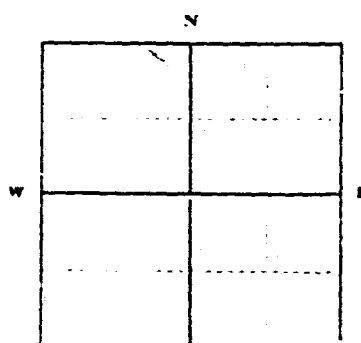
Date well started March 14 1962 completed March 17 1962

Type of well Drilled Equipment used Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of
Drilled
Hole | Size and
Weight
of Casing | From
(Feet) | To
(Feet) | PERFORATIONS | | |
|----------------------------|---------------------------------|----------------|--------------|--------------|----------------|--------------|
| | | | | Kind
Size | From
(Feet) | To
(Feet) |
| 7" | 1 1/2" | | | | | |
| | 5/8" | | | | | |
| | O. D. | | 27' | None | | |



Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____ feet.

Pumping Water Level _____ feet
at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested _____

Length of Test _____ hrs

Remarks: Gravel packing, cementing, pack-
ers, type of shutoff)

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number _____

Harold B. Hulbert
Driller's Signature

46278

File No. _____

T. _____ R. _____

DUPLICATE

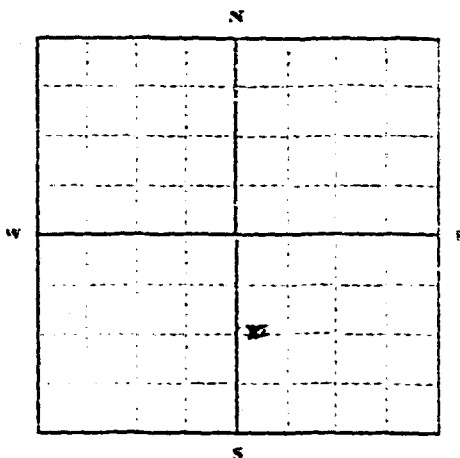
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EARL S & Ree T. Hester, of Rt 1 Belgrade
(Name of Appropriator) (Address) (Town)
County of GALLATIN State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 SE 1/4 Sec. 14 T. 1 N R. 1 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSEHOLD, LAWN DAIRY BARN, STOCK, GARDEN, TREES, SHELTERBELT
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953 - CONTINUOUSLY SINCE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 350 GALS. P.M.
5 1/2 GALS. PER MINUTE
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 163 x 415 FEET GARDEN, LAWNS, SHELTERBELT, TREES
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP LOCATED 52 FEET SE. OF S.E. CORNER OF HOUSE
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1953
8. The depth of water table 16 FEET
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 INCH CASING, 32 FEET DEEP + 16 INCH SHOE
10. The estimated amount of groundwater withdrawn each year 505,750 GALS. PER YR.
11. The log of formations encountered in the drilling of each well if available TOPSOIL, CLAY, GRAVEL
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Earl S. Hester, Ree T. Hester

Date Dec 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1180

County of ... ss.
d. 12-30, 1963
at 8.45 o'clock P.M.
COUNTY CLERK & RECORDER
by [Signature]
Fee \$ 2.00

File No. _____

T. 1 R. 4E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Armaan & Barbara Schneider

(Name of Appropriator)

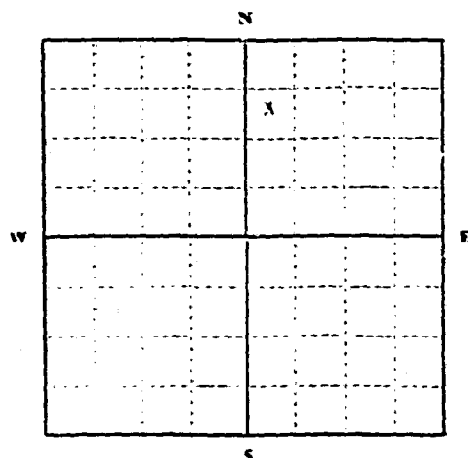
of R. F. D. 1, Belgrade, Montana

(Address)

(Town)

County of GallatinState of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 16 T. 1 R. 4E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

NW 1/4 NE 1/4 NW 1/4

2. The beneficial use on which the claim is based
Drinking water, watering stock & garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1880
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1 acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
3/4 Horsepower Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1881
8. The depth of water table 5 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 35 feet
10. The estimated amount of groundwater withdrawn each year 75,000 gallons
11. The log of formations encountered in the drilling of each well if available top soil, clay & gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Armaan Schneider
Barbara Schneider

Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator

35940

1626

Dec-31

1249

?

AA

100

File No. _____

T. 1N R. 4E

DUPLICATE

County Gallatin

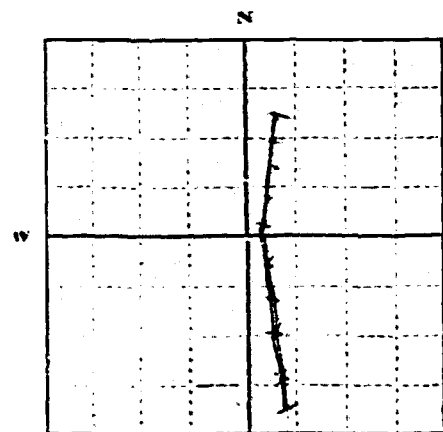
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 10-10-1881
Owner Armen & Barbara Schmitter Address R. F. D. 1, Billings, Mont.
Contractor (if any) None
Address of Contractor None
Date Started _____ Date Completed _____



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Springs

40 inches Ridgley Creek
Ridgley

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Ridgley Creek used steady from May through October

1/4 Sec 18 T 1 N 4E
Indicate point of appropriation and place of use, if possible.

(NE 1/4 NW 1/4) E 1/2 NE 1/4 NE 1/4 NW 1/4

Signature of Owner Armen A. Schmitter

Date December 16, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

#1118

State of Montana) ss.
County of Gallatin)
December 27, 1963
Filed 3:41 o'clock P.M.
at EARL WALTON
COUNTY CLERK & RECORDER
By *Thelma Fiddis* DEPUTY
Fee \$ 2.00

File No. _____ 7-6 6 1965

T R - 28

DUPLICATE

| | |
|------------|-----------|
| Ellis | McDermott |
| Evans | McLain |
| Coyne | Morton |
| Darlington | Sullivan |
| Dickert | |

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Charter 237, Montana Session Laws, 1961)

OK JERRY SCHNEIDER

Owner John J. Smith Address 123 Main St. New York, N.Y.

Driller _____ Address _____

Date of Notice of Appropriation of Groundwater _____

Date well started..... Date Completed.....

| Type of well
(dug, driven, bored or drilled) | Equipment Used
(Churn, drill, rotary or other) |
|-------------------------------------------------|---------------------------------------------------|
| | |

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☒ COMMON = 13104

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

[illegible]

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well

Pumping Water Level _____ feet at _____ gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

3-1/4 Sec. T R =

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

Milton E Jones
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

39548

1954

State of Montana)
County of Gallatin) ss.
Filed March 24 1965
at Bozeman M.
Carl L. Stucky

CLERK & RECORDER
By [Signature]
DEPUTY
Fee \$ 2.00 pd

Form No. 18
S-60

18
T. 1 N R. North of Range 4 E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

STATE ENGINEER

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |

Owner Walter Schnitzer Address R. F.D.I. Belgrade, Montana
Driller Simmons Address Belgrade, Montana
Date Started 1865 Date Completed 1865
Location: Sec. 18 T. 1 R. 4 $\frac{1}{4}$ sec. South east 1/4 NW 4

Type of well Driven Equipment used hammer sand point
(Dug, driven, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☒ Drainage ☐ Other _____

Casing: 0 ft. to 40 ft. Type steel pipe Size 3 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 40 to ft. 44. Ft. _____ to ft. _____

Type of screen or perforations unknown

Static water level, for non-flowing well: 35 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 35 feet at 20 gal. per min.

How tested: by measure

Length of test first test 12 days 2,3, and 4 test different times during the year

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel pack and cement

mechanical shutoff in the end of the well pipe

(over)

[illegible]

GW3

File No. _____

DUPLICATE

T. 1 N. R. _____

County _____

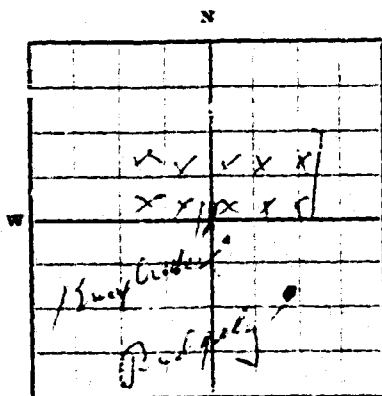
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 10-10-1981
 Owner Walter Schneider Address Route 1, Belgrade, Mont.
 Contractor (if any) None
 Address of Contractor None
 Date Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Springs



1/4 Sec. 18 T. 1 N. R. 4 E

Indicate point of appropriation and place of use, if possible.

(SW 1/4)

(SE 1/4)

(NW 1/4)

(NE 1/4)

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Knox Creek 40 minor inches

used four periods of two weeks each from May to

October each year

Ridge Creek used steady from May to Oct.

Signature of Owner Walter Schneider

Date January 2, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

#455

31566

Date of Birth: 1952

at: 430

By: *Bob Allen*

Fee \$ *200.00*

File No. _____

T. 14 R. 4 E

DUPLICATE

County _____

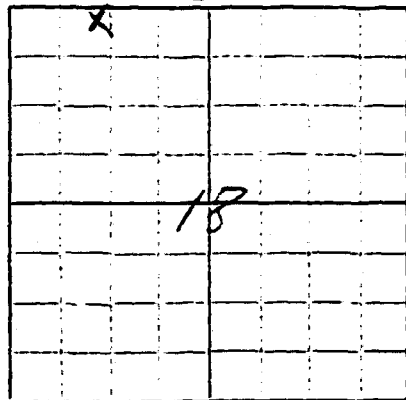
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 3 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Jake Linnum of Helena, Montana
(Name of Appropriator) (Address) (Town)
County of Judith State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 17 T. 14 R. 4 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based mining - stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1922
8. The depth of water table 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5' casing, 4" hole, 3' depth, 1" diameter
10. The estimated amount of groundwater withdrawn each year 1,000,000
11. The log of formations encountered in the drilling of each well if available light 5' glauk 3'
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Jake Linnum
Date 4/3/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

~~#64~~ #613

of Montana ss.
of Gallatin
April 3 1953
11:45 o'clock A.M.
EARL WALTON
COUNTY CLERK
Leah A. Mayne
2.00 pd

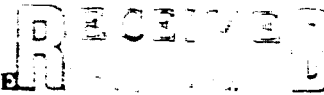
File No. _____

DUPLICATE

T. 1 N. R. 4 E

County Valley

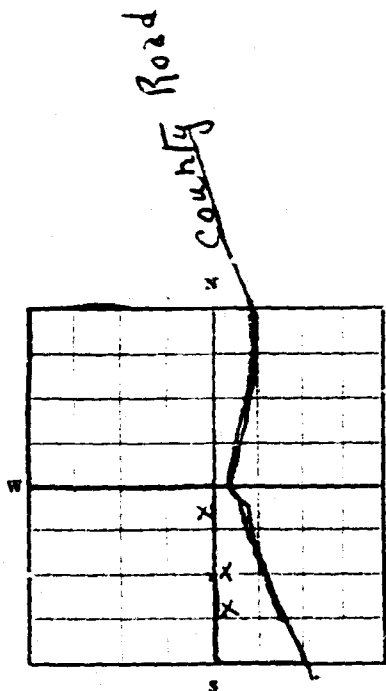
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



S. 1/4 Sec. 18 T. 1 N. R. 4 E
Indicate point of appropriation
and place of use, if possible.

Date of Appropriation of Groundwater Feb 8 - 1962
Owner Kenneth A. Stout
and/or Betty Lou Stout Address Rt. 1 Belgrade, Mont.
Contractor (if any) Not
Address of Contractor Applicable
Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water taken from Natural springs and run off at places needed for irrigation

Spring located NE 1/4 - S 1/4 used for domestic use.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Pumped with a 2" pump with 55 G.P.M. discharge used intermittently during irrigation season on ground above sub irrigation level. Approx. 2 weeks during irrigation season.

Signature of Owner Kenneth A. Stout
Betty Lou Stout
Date 2-8-62

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

474

State of Montana)
County of Gallatin) ss.
Filed February 8, 1962
at 3:45 o'clock P.M.
Carl Walton
COUNTY CLERK & RECORDER
By [Signature]
Fee \$ 2.00 DEPUTY

File No. _____

T 1 N R 4 E
County Gallatin

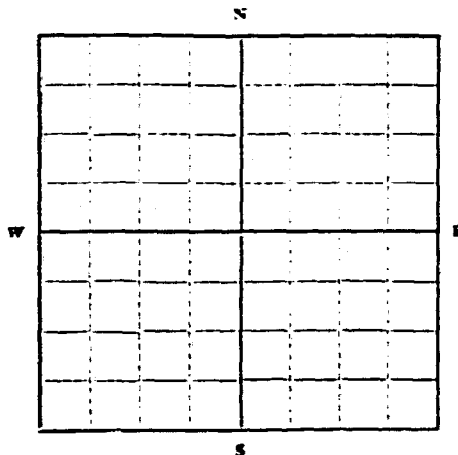
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Eugene - Mrs. C. Beck of Bellevue
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 19 T 1 N R 4 E

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

Lots 3, 4, original
plat Central Park,
Block 4

2. The beneficial use on which the claim is based House
water for drinking water, garden
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been since 1912
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 40 gal per minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
small yard & garden just
west of water in ditch
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal an
electric pump in yard
and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater in dug well with a point driven
down about 14' deep
8. The depth of water table unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 14' deep
10. The estimated amount of groundwater withdrawn each year 36,500 gallons
11. The log of formations encountered in the drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

Signature of Owner

Olvis C. Beck

Date

Dec. 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1175

1175

State of Montana |
County of Gallatin | SS.

Filed 12-30, 1963

at 2:40 - o'clock P. M.

By Frank Walton
CLERK & R. JORDEN

By F. S. J.
DEPUTY

Fee \$ 2.00

File No. _____

T 1 N. R 4 E.

DUPLICATE

County Gallatin

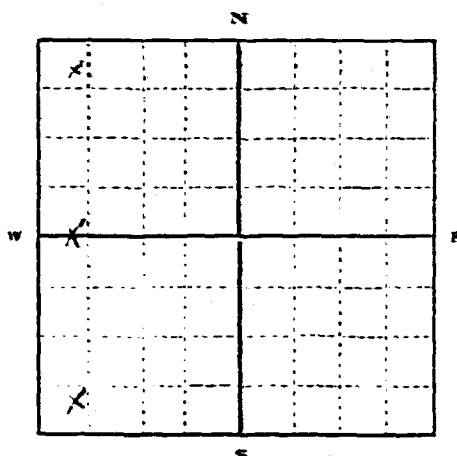
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. James H. Chaney, of Rt. #1, Belgrade, Montana.
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/4 SE 1/4
1/4 Sec. 19 T. 1 N. R. 4 E

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based is wells dug and used for irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1, 1955, and continuous during irrigation season each year.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miner's inches.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Irrigating 70 acres situate in W 1/4 SE 1/4 of Sec. 19, Twp. 1 N., Rge. 4 E., James H. Chaney.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pumping.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed in May, 1955.
8. The depth of water table five feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater wells are open ponds 20' x 100'.
10. The estimated amount of groundwater withdrawn each year 5,000,000 gallons
11. The log of formations encountered in the drilling of each well if available gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date December 25, 1963.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

12102

#982

State of Montana }
County of Gallatin } ss.

Filed December 23, 1963

at 9:40 o'clock A M.

EARL WALTON

COUNTY CLERK & RECORDER

By

Leed & A. Hays

DEPUTY

Fee \$ 2.00 pd

File No. _____

JAN 12 1965

T. 1-N. R. 4-E 19

DUPLICATE

Site _____

County Flathead

LOG

Butter _____

Coyne _____

Darrin _____

Dickert _____

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

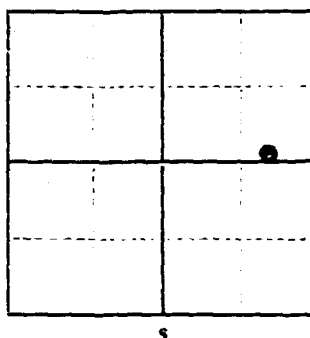
Owner George R. Gellert Address Bozeman, Mont.Driller Potts Drilling Address Bozeman, Mont.

Date of Notice of appropriation of groundwater _____

Date well started Sept. 2-1965 Date completed Sept 3-1965Type of well Drilled Equipment used Cable Tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" ID | 0 | 25 | | | |
| | 18.9738 | | | | | |
| | Per Test | | | | | |



Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet
at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BailerLength of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (ie.: Lot, Block and Addition).

Show exact depth of bottom.

30

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Herbert A. Potts
Driller's Signature

2.3

11 e

80

1968

1968

State of Montana } ss.
County of Gallatin }
Filed December 31, 1968
at 10-30 o'clock A. M.
John A. Smith
COUNTY CLERK & RECORDER
By Josh
DEPUTY
Fee \$ 20.00